

February 25, 2004 - System Issues and Status

**Table 1: Process Strategy/Geier as of 02/25/04
Active Requests in order of priority (1 of 6)**

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 18-04	Terra	ValR1	SRBAVG (SS10)	10.1P1	1/01 - 12/01	Waiting on delivery.
PR 28-04	Terra	ValR2	CRS (SS5)	5.0P1 5.1P1 5.4P1	7/01 + 1/1-2/01 + 4/2-3/01 + 10/1-2/01	Waiting on redelivery.
PR 22-04	Terra	ValR1	CRS (SS5)	5.0P1 5.1P1 5.4P1	7/01 + 1/1-2/01 + 4/2-3/01 + 10/1-2/01	Cancelled 2/13/04. Bug found, redelivery required.
PR 20-04	Terra	ValR2	FSW (SS6)	6.1P1 6.2P1 6.3P1	7/01	Waiting on delivery to promote and ValR2 CRS input to be available. Crosstrack only.
PR 129-03, 130-03	Aqua	ValR3/ValR4	BDS (SS1)	1.1P5 1.2P1 1.3P3 1.2P1	6/03	Done 2/18/04.
PR 124-03 to 128-03; 23-04	Aqua Aqua/ Terra	ValR4	ERBELike (SS2&3)	2.4P1 2.2P1 2.3P1 2.3P2 3.1P1 3.2P1 3.2P2	6/03	Done 2/18/04.
PR 8-04		Edition2	GGEO (SS11)	11.1P5 11.1P6 11.1P7 11.1P8 11.2P2	1/02 - 12/02	
PR 27-04	Terra	ValR4	SSF (SS4)	4.1-4.1P2 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	12/02	Run with start-up map.
PR 26-04	Terra	ValR4	SSF (SS4.5-6)	4.5-6.1P2 4.5-6.2P2	12/02	

Table 1: Process Strategy/Geier as of 02/25/04
Active Requests in order of priority (2 of 6)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 25-04	Terra	ValR4	SFC (SS9)	9.2P1 9.3P1 9.4P1	12/02	Highest priority - needed before SRBAVG can deliver.
PR 122-03, 123-03	Aqua	Edition2	BDS (SS1)	1.3P3 1.2P1	12/02	
PR 121-03	Aqua	Edition2	ERBElke (SS2&3)	2.4P1	6/18/02 - 8/03	
PR 15-04, 16-04	Aqua	Beta2	SSF (SS4)	4.1-4.1P3 4.1-4.2P1 4.1-4.2P2 4.5-6.3P2 4.5-6.2P2 4.5-6.4P1	12/02	As soon as Edition2 IES available, begin running; Cloud monthly-QC not included here because there were problems in Ops testing.
PR 14-04	Aqua	Beta2	SFC (SS9)	9.2P1 9.3P1 9.4P1	12/02	
PR 17-04	Terra	Edition2A	SRBAVG (SS10)	10.1P1	3/00- 2/02	ValR1 must be approved before this starts.
PR 21-04	Terra	Edition2A	CRS (SS5)	5.0P1 5.1P1 5.4P1	1/01, 4/01, 7/01, 10/01	ValR2 must be approved before this runs. Crosstrack only.
PR 19-04	Terra	Edition2A	FSW (SS 6)	6.1P1 6.2P1 6.3P1	1/01, 4/01, 7/01, 10/01	ValR2 must be approved before this runs. Crosstrack only.
PR 113-03 113-03A	Terra	Edition2A (Inversion only)	SSF (SS4.5)	4.5-6.3P2 4.5-6.2P2 4.5-6.4P1	3/00- 12/00	Done 2/7/04.
PR 112-03	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	3/00- 12/00	Done 2/7/04.

Table 1: Process Strategy/Geier as of 02/25/04
Active Requests in order of priority (3 of 6)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 8-04		Edition2	GGEO (SS11)	11.1P5 11.1P6 11.1P7 11.1P8 11.2P2 11.4P1	3/00 - 12/00	
PR 96-03, 97-03	Terra	Edition2-QC	SSF (SS4)	4.1-4.1P2 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	1/02 - 2/02	Delta delivery didn't work out by itself. Delta was promoted along with Aqua Beta2 delivery.
PR 10-04, 11-04	Terra	Edition2A	SSF (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	1/02 - 2/02	ValR3 approved - ready to go.
PR 9-04	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	1/02 - 2/02	
PR 8-04		Edition2	GGEO (SS11)	11.4P1	1/02 - 2/02	
PR 122-03, 123-03	Aqua	Edition2	BDS (SS1)	1.3P3 1.2P1	6/18/02 - 11/02 1/03 - 8/03	12/02 already complete.
PR 117-03 to 120-03	Aqua Aqua/ Terra	Edition2	ERBELike (SS2&3)	2.2P1 2.3P1 2.3P2 3.1P1 3.2P1 3.2P2	6/18/02 - 8/03	2.4P1 already complete and not included here.
PR 24-04	Aqua	Beta2	SSF (SS4)	4.1-4.3P1	12/02	Run monthly QC once PGE has been straightened out.
PR 21-04	Terra	Edition2A	CRS (SS5)	5.0P1 5.1P1 5.4P1	1/01 - 12/01 remaining 8 months	ValR1 must be approved before this runs. Crosstrack only.
PR 19-04	Terra	Edition2A	FSW (SS6)	6.1P1 6.2P1 6.3P1	1/01 - 12/01 remaining 8 months	ValR1 must be approved before this runs. Crosstrack only.
PR 99-03		GEOS4	MOA (SS12)	12.1P1	2/25/00 - 12/31/03	

Table 1: Process Strategy/Geier as of 02/25/04
Active Requests in order of priority (4 of 6)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 109-03		GEOS4	PMOA (SS9.1)	9.1P1	3/1/00 - 12/31/03	
PR 116-03	TRMM	Beta3	TSI (SS7.1)	7.1.1P1	4/98, 7/98, 8/98	Waiting on delivery to promote.
PR 97-03	Terra	Edition2-QC	SSF (SS4)	4.1-4.1P2 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	3/02 - 2/03	Clouds portion.
PR 10-04, 11-04	Terra	Edition2A	SSF (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	3/02 - 2/03	
PR 9-04	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	3/02 - 2/03	
PR 8-04		Edition2	GGEO (SS11)	11.4P1	3/02 - 12/02	
PR 8-04		Edition2	GGEO (SS11)	11.1P5 11.1P6 11.1P7 11.1P8 11.2P2 11.4P1	1/03 - 2/03	
PR 17-04	Terra	Edition2A	SRBAVG (SS10)	10.1P1	3/02- 2/03	ValR1 must be approved before this starts.
PR 21-04	Terra	Edition2A	CRS (SS5)	5.0P1 5.1P1 5.4P1	3/00 - 12/00 1/02 - 2/03	ValR1 must be approved before this runs. Crosstrack only.
PR 19-04	Terra	Edition2A	FSW (SS6)	6.1P1 6.2P1 6.3P1	3/00 - 12/00 1/02 - 2/03	ValR1 must be approved before this runs. Crosstrack only.
PR 13-04	Aqua	Beta2	SRBAVG (SS10)	10.1P1	12/02	Run once GGEO and SFC inputs are available.

Table 1: Process Strategy/Geier as of 02/25/04
Active Requests in order of priority (5 of 6)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
Standing requests AM-PR 1-00 to 7-00	Terra	Edition1	BDS/ ERBELike (SS1-3)	1.1P3 1.2P1 1.3P1 1.3P2 2.1P1 2.2P1 2.3P1 2.3P2 3.1P1	For 1/00 - present	
Standing requests AM-PR 8A-02 to 11-02	Terra	Edition2	BDS/ ERBELike (SS1-3)	1.2P1 1.3P3 2.2P1 2.3P1 2.3P2 2.4P1 3.1P1 3.2P2	For 7/03 - present	Need Gains and SCR before processing any further. (ValRX approved.)
Standing requests PM-PR 7-03A to 10-03	Aqua	Edition1	BDS/ ERBELike (SS1-3)	1.1P5 1.2P1 1.3P1 1.3P2 2.2P1 2.3P1 2.3P2 3.1P1 3.2P2	For 1/04 - present	Do not start until all January'04 data received.
Standing requests PM-PR 11-03, 13-03 to 17-03	Aqua	Edition2	BDS/ ERBELike (SS1-3)	1.3P3 1.2P1 2.2P1 2.3P1 2.3P2 2.4P1 3.1P1 3.2P2	For 11/03 - present	Need Gains and SCR before processing any further. (ValRX approved).
Standing request PM-PR 12-03	Aqua/ Terra	Edition2	ES4/ES9 (SS3)	3.2P1	For 11/03 - present	Need Gains and SCR before processing any further. (ValRX approved.)
M-PR 3-02		NSIDC- NESDIS	EICE ESNOW (SS4.1)	4.1-4.0P1	Standing request	

Table 1: Process Strategy/Geier as of 02/25/04
Active Requests in order of priority (6 of 6)

Production Request (PR)	Satellite	Production Strategy	Data Product (SS#)	PGEs	Data Dates	Special Status
PR 97-03	Terra	Edition2-QC	SSF (SS4)	4.1-4.1P2 4.1-4.2P1 4.1-4.2P2 4.1-4.3P1	3/03 - 6/03	Run at LOW priority after 2/03 finishes.
PR 10-04, 11-04	Terra	Edition2A	SSF (SS4.5-6)	4.5-6.1P2 4.5-6.2P2 4.5-6.4P1	3/03 - 6/03	
PR 9-04	Terra	Edition2A	SFC (SS9)	9.2P1 9.3P1 9.4P1	3/03 - 6/03	

Table 2: Process Strategy/Geier as of 02/25/04
Coming Soon

Active Month	Satellite	Processing Strategy	Data Product (SS#)	Data Dates	Comments
5/04	TRMM	Beta2	Synoptic SARB (SS7.2)	4/98, 7/98, 8/98	Rerun 3 months of SYNI to use as input for SYN/AVG/ZAVG.
	TRMM	Beta1	SYN/AVG/ZAVG (SS8)	4/98, 7/98, 8/98	Need Synoptic SARB input.
	Terra	Beta2	TSI (SS7.1)	??	
	Terra	Beta1	Synoptic SARB (SS7.2)		
	Terra	Beta1	SYN/AVG/ZAVG (SS8)	??	Need Synoptic SARB input.
6/04	Aqua	Beta1	CRS (SS5)	12/02	Requires redelivery.
	Aqua	Beta1	FSW (SS6)	12/02	Test at SCF to verify no redelivery needed.
	Aqua	Beta1	TSI (SS7.1)		Not on Bruce's schedule.
	Aqua	Beta1	Synoptic SARB (SS7.2)		Not on Bruce's schedule.
	Aqua	Beta1	SYN/AVG/ZAVG (SS8)		Not on Bruce's schedule.

Table 3: February 25, 2004 - System Issues and Status

Activity	Lead	Status
CM	Ayers	<ul style="list-style-type: none"> • See Table 4 for SCCR activity since the last DMT meeting. SCCRs that need to be reviewed follow Table 4. (Ayers) • Delivered the SSF sample read package for the Terra Edition2A and Aqua Beta2 data sets to the ASDC. (Ayers) • Delivered the ERBE-like Spectral Response Function files for Aqua FM3 and FM4 for June 18, 2002 through August 31, 2003 to the ASDC. (Ayers) • Assisted the ASDC SSI&T personnel in the promotion of ERBE-like. (Ayers) • Obtained the list of directories that are copied to production when each subsystem is promoted. Distributed the appropriate list to each subsystem lead for verification. Once each subsystem has responded, the information will be provided to the ASDC so the lists can be updated, if necessary. (Ayers) • Created the CERES Subsystem Delivery Schedule for February 2004, distributed it to CERES personnel, and posted it on the CM Web site. (Ayers, Saunders) • Posted Delivery Memos on the CM Web site. (Ayers, Saunders) • Formally documented the Clouds S'COOL data file delivery procedures and posted them on the CM Web site. (Ayers, Saunders) • The SEC is looking into the issue of what should be done with files that have a /QA designation in the CERES Operator's Manuals and File Management Policy now that the /QA disk no longer exists. As the first step in providing a detailed list of what needs to be done with these files, a spreadsheet was created from the File Management Policy containing all of the output files that have a Destination of either /QA, permanent, or do not remove. This spreadsheet will be modified to document what each subsystem lead wants to have happen to these files. (Ayers, Saunders)

Table 4: SCCR Activity February 9 at 10:30 a.m. - February 23 at 12:00 p.m.

SCCR	S	U	A	C	D	SS	Page No.	Comments
490				X		4.1-4.4		
496				X		4.1-4.4		
498				X		5		
497				X		1		
495				X		4.5&4.6		
484				X		2&3		
503	X		X			2&3	8	
504	X		X			2&3	9	
505	X					5	10	

S=Submitted; U=Updated; A=Approved; C=Closed; D=Disapproved; SS=Subsystem

CERES Software Configuration Change Request Submittal

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Subsystem: ERBElite

SCCR Date & TIME: 2004-02-18 10:52:06

SCCR No.: 503

Description of Change (Science):

Delivery of time varying spectral response functions (SRFs) input files that requires the Aqua FM3 and FM4 production strategies to be upgraded from Edition1 to Edition2. Delivered files contain SRFs for Aqua FM3 & FM4 for the data period beginning June 18, 2002 thru August 31, 2003

Reason for Change (Science):

Delivery of the Aqua SRFs requires the change in production strategy from Edition1 to Edition2. No additional SCCRs will be generated to continue the time variances based on this initial delivery of SRF files.

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

Affected PGEs : CER2.4P1, CER2.2P1, CER2.3P1, CER2.3P2

Est. Time to Complete Changes : N/A

Planned Delivery Date : Feb 11, 2004

Impact : Aqua FM3 and FM4 Edition2 production

Originator: KIZER, EDWARD A. (SAIC)

CERES Software Configuration Change Request Submittal

Subsystem: ERBEl like SCCR Date & TIME: 2004-02-18 17:03:00 SCCR No.: 504

Description of Change (Science):
N/A

Reason for Change (Science):
N/A

Description of Change (non-Science):
A new version of the ES-8 Data Products Catalog file and related read software has been created.

ES-8 data sets covered:
CER_ES8_TRMM_PFM_Edition2 ++ see NOTE

CER_ES8_Terra_FM1_Edition1 ++ see NOTE
CER_ES8_Terra_FM2_Edition1 ++ see NOTE
CER_ES8_Terra_FM1_Edition2
CER_ES8_Terra_FM2_Edition2

CER_ES8_Aqua_FM3_Edition1
CER_ES8_Aqua_FM4_Edition1
CER_ES8_Aqua_FM3_Edition2
CER_ES8_Aqua_FM4_Edition2

NOTE: The read software covers all ES-8 files with a
product configuration code greater than 021018.

Reason for Change (non-Science):
SCCR 503 describes the change in the spectral response functions for upgrading the production strategies for Aqua FM3 and FM4 from Edition1 to Edition2.

Affected PGEs : N/A

Est. Time to Complete Changes : N/A

Planned Delivery Date : February 19, 2004

Impact : N/A

Originator: KIZER, EDWARD A. (SAIC)

CERES Software Configuration Change Request Submittal

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Subsystem: InstSARB SCCR Date & TIME: 2004-02-23 11:21:37 SCCR No.: 505

Description of Change (Science):

Corrected logic in the Instantaneous SARB Subsystem Surface Albedo Pre-Processor (PGE CER5.0P1) that determines whether or not an SSF FOV is clear or cloudy to account for use of the CERES 4-byte REAL default value. No changes are required for the Main-Processor, PGE CER5.1P1.

Reason for Change (Science):

The default values were erroneously being included in the algorithms, resulting in absurd surface albedo values stored in the monthly Surface Albedo History (SAH) map that is input to the Instantaneous SARB Subsystem Main-Processor. These absurd values caused more absurd values to be included in the CRS data.

Description of Change (non-Science):

N/A

Reason for Change (non-Science):

N/A

Affected PGEs : CER5.0P1, CER5.1P1

Est. Time to Complete Changes : 1 week

Planned Delivery Date : 2/27/2004

Impact : Better results on the CRS

Originator: COLEMAN, LISA H. (SAIC)

Table 5: February 25, 2004 - Subsystem Issues and Status (1 of 5)

SS No.	SS Lead	Status	Problems
1.0	Cooper	<ul style="list-style-type: none"> Continued tracking receipt of Aqua and Terra data at ASDC. (Cooper, Snyder) GERB ground validation over Valencia completed on 02/12/2004. (Szewczyk) PPS completed on 02/19/2004. (Szewczyk) Running TRMM and Terra data using zero, ground based and flight determined offsets to use as a basis to build support for an Aqua Deep Space Calibration Maneuver. (Cooper, Kizer, Walikainen) Ran Terra with updated gain coefficients for July 2003 thru Dec. 2003 at the SCF to analyze for the next delivery of Terra gains in March 2004. (Cooper, Kizer, Walikainen) Working on the updated read package for Edition1/ Edition2 BDSs. (Cooper) 	
2.0	Kizer	<ul style="list-style-type: none"> Delivered new spectral correction coefficients for Aqua Edition2 production processing. (Kizer) Delivered the ES-8 read software package to CM. (Kizer) Continuing to provide instrument support in studying flight, ground and zero scan offsets comparison studies. (Walikainen, Kizer) Completed a limited ascii dump program to generate “pretty” output ascii file for HDF read packages. Began modifying the same software to generate a subset sample HDF file. (Kizer) Continuing to examine the production email generated by the QC checker software. (Walikainen) Continuing to inspect ERBE-like Aqua and Terra output plots and QC reports on the Web. (Walikainen, Kizer) 	
3.0	Kizer	Combined with above.	

Table 5: February 25, 2004 - Subsystem Issues and Status (2 of 5)

SS No.	SS Lead	Status	Problems
4.1	Sun-Mack	<ul style="list-style-type: none"> • QC global images and statistics for Terra MODIS Edition2-QC for January through March 2002 were generated and posted on the Web. (R.Brown) • CloudVis images for Terra MODIS Edition2-QC for the Alaska (ARM NSA Site) region for April 2000, and September and November 2001 were generated and posted on the Web. (R.Brown) • Staged all pixel level Terra-MODIS_Edition2-QC output, from March 2000 to Dec 2001, over ARM NSA site. Modified the averaging routine to have an option of averaging at 20km radius range. Averaged the cloud properties at 30x30km, 100x100km and 20km radius respectively. The results were posted on the Web for further validations with ground measurements. (Sun-Mack, Chen, Spangenberg) • Started writing Aerosol/Fluxes MODIS monthly reader. This is to help Shashi Gupta. (Sun-Mack, Gupta) 	
4.2	Sun-Mack	Combined with above.	
4.3	Sun-Mack	Combined with above.	
4.4	Miller	<ul style="list-style-type: none"> • Monitored Terra Edition2-QC clouds production for January through April and December 2002. Sixty-seven hours failed to process during this time. One hour ended with a segmentation fault and another hour failed due to a bad MODIS file. Unavailable IES input data were the cause of failure for the remaining hours. Data was also not processed from hour thirteen on March 19, 2002 until hour one on March 28, 2002 and hour 14 on April 14, 2002 until hour zero on April 16, 2002 because the MODIS instrument was off during those time frames. (Miller) • Updated the Clouds Operator's Manual to better describe the MODIS granules used for processing. (Miller) 	

Table 5: February 25, 2004 - Subsystem Issues and Status (3 of 5)

SS No.	SS Lead	Status	Problems
4.4	Miller (Cont'd)	<ul style="list-style-type: none"> Investigated segmentation fault that occurred for 2002010406 during Terra Edition2-QC processing. The cause of the segmentation fault was isolated to an uninitialized index in the cloud retrieval algorithm for determining optical depth. However, the source of the bad surface radiance that caused the code to bypass the branch that set the index has not been resolved. (Miller) 	
4.5	Nolan	<ul style="list-style-type: none"> Created plots for the SSF description/abstract Web page for one day of TRMM Edition2B data, and one day of Terra Edition2A data. (Hoppe) Initiated work to create PGE CER4.5-6.6P2 to process 24 hours of Inversion only SSF data during one execution. (Hoppe) Completed work on the SSF Read package and delivered the final copy to CERES CM on February 11, 2003. (Nolan) Continued to organize and move Terra Edition1A SSF Subsets from Inversion-a disk to the disks connected to bobill. Completed copying two years of Terra Edition2A SSF daytime and nighttime Subsets from the DAAC archive and sorting them into RAPS, cross-track and along-track directories according to the predominant instrument mode. (Nolan) Placed all Inversion source code in a CVS repository. (Nolan) Updated the Inversion Web page, http://lposun/inv/ProductionCode/. Information on the Terra Edition2A SSF subset files was added to the HTML code and the Terra FM1 and FM2 SSF Edition2A readme files were rewritten. (Nolan) Initiated work at the request of Norman Loeb to create new software to rewrite all TRMM Edition2B SSF subset files to include a default admgeo parameter. The new subset files will be assigned SSF ID 120 and will be have a format compatible with the Edition2A Terra SSFs Subsets. (Nolan) 	
4.6	Nolan	Combined with above.	

Table 5: February 25, 2004 - Subsystem Issues and Status (4 of 5)

SS No.	SS Lead	Status	Problems
5.0	Coleman	<ul style="list-style-type: none"> Investigated the cause of absurd values that appeared on the ValR1 CRS files. The cause was traced to averaging the CERES default value in with good data in the Surface Albedo Monthly Pre-Processor. The software was corrected and tested, and the SARB Working Group has given the okay to deliver. Preparations for the delivery are under way. (Caldwell) Preparing sample read package for the Terra Edition2A CRS product. (Caldwell) Instantaneous SARB Subsystem Main-Processor source code was provided to Jim Donaldson for conversion to run in a Linux environment. Available documentation was also provided. (Coleman) Putting the final touches on new reports to be generated by the Instantaneous SARB Subsystem Monthly QC Post-Processor. (Zentz) 	
7.2	Coleman	<ul style="list-style-type: none"> Met with Tom Charlock, Fred Rose, and Dave Rutan to outline which updates will be included in which deliveries. (Coleman, Caldwell, Zentz) Testing existing Synoptic SARB Software with TSIB files generated during SSI&T. (Zentz) 	
12.0	Coleman	<ul style="list-style-type: none"> No new updates. 	
7.1	Nguyen	<ul style="list-style-type: none"> No new updates. 	
8.0	Nguyen	<ul style="list-style-type: none"> No new updates. 	
10.0	Nguyen	<ul style="list-style-type: none"> Preparing for the delivery. Comparing the results from the combined three subsystem code with the SS10 only code. (Nguyen) Wrote new program for comparing SRBAVG HDF files in SSIT. (Nguyen) Created several SRBAVGs and ASCII output data files for Dave Young for further studies. (Nguyen) 	

Table 5: February 25, 2004 - Subsystem Issues and Status (5 of 5)

SS No.	SS Lead	Status	Problems
6.0	Raju	<ul style="list-style-type: none"> • A corrected makeall-6.3 compile script was given to CERES CM. (Raju) • The generic Tisa Gridding makeall script was modified to allow options for compiling individual PGEs. This will eliminate the need for specialized compile scripts for future deliveries which do not include all Tisa Gridding PGEs. (Stassi) 	
9.0	Raju	<ul style="list-style-type: none"> • No additional updates. 	
11.0	Stassi	<ul style="list-style-type: none"> • Modified the Cloudplot PGE 11.4P1 code to calculate mean GGEO and imager optical depth values by first finding the mean of the natural log of the optical depths and then converting the mean log optical depth value to a linear value. This was run at the SCF for the March 2000 (VIRS) data and the July 2000, January 2001, and July 2001 (MODIS) data. (Stassi) • Updated GGEO with the changes in the recent Clouds subsystem delivery. Included in these changes was a the new logic ID LID_ESURF_EM0855_I, which was to the PCF generator scripts. (Stassi) • Sunny discovered and corrected an error in the clearsky map algorithm in the Chunk.f90 module. The July 2001 data was rerun at the SCF to evaluate the impact of the error. (Sun-Mack, Stassi) • The quick read programs for the METEOSAT and GMS B1 data files were modified to report both the actual time and the GGEO synoptic time for the B1 data files. (Stassi) 	
CERESlib Stassi/Ayers		<ul style="list-style-type: none"> • No updates. 	